

JAN 17 1982

DPM 1234

DAC 25-1837 (REV. 8-70)

HAZARDOUS MATERIALS DATA SHEET  
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: Oakite 94
2. MANUFACTURER'S NAME: OAKITE PRODUCTS, INC.
3. MANUFACTURER'S ADDRESS: 50 Valley Road, Berkeley Heights, New Jersey 07922
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Sweep up powder; transfer to another container.  
For powder or solutions, flush area with water and neutralize with dilute  
acid (i.e. acetic).
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Shipped by any common carrier. Freight classification  
is "Cleaning Compound, NOIBN, Powder". Suitable for general indoor storage.  
Keep container covered when not in use.
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Flush with plenty of water.
- B. EYE CONTACT: Flush with plenty of water for at least 15 minutes and get medical  
attention.
- C. INHALATION: N/A
- D. ANTIDOTE IN CASE OF SWALLOWING: Do not induce vomiting. Dilute by drinking large quantities  
of water or milk. Get medical attention.
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: Moderately to highly toxic.
- B. LOCAL EFFECTS UPON EYES: May cause irritation or burns.
- C. LOCAL EFFECTS UPON SKIN: May cause irritation or burns.
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): No toxic vapors.
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): May cause irritation of mucous  
membranes.
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL  
HYGIENISTS): Unknown.
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1): Bulk density 8.12 lbs/gal.
- B. VAPOR DENSITY (AIR = 1): N/A
- C. VAPOR PRESSURE mm Hg AT 25°C: N/A
- D. pH @ working concentrations: 11.5 to 12.4
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:  
When used as recommended, does not attack aluminum, stainless steel, or magnesium;  
there is negligible attack on steel and very slight attack on brass, zinc, and  
copper. Should be safe on plexiglas, rubber, and fabrics. Should not be used on  
paint or other surfaces sensitive to alkaline materials.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
<u>Sodium tripolyphosphate</u>	<u>&lt; 40</u>
<u>Sodium metasilicate</u>	<u>&lt; 40</u>
<u>Sodium carbonate</u>	<u>&lt; 30</u>
<u>Anionic surfactant (biodegradable)</u>	<u>&lt; 5</u>

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid breathing dust from dry powder. Avoid prolonged skin contact. Do not get in eyes.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Use dust mask when handling dry powder. Use rubber or synthetic gloves, safety goggles, and apron.

11. A. FLASHPOINT °F: CLOSED CUP None; OPEN CUP \_\_\_\_\_; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): N/A LOWER \_\_\_\_\_; UPPER \_\_\_\_\_

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES \_\_\_\_\_; NO X

D. FIRE POINT °F N/A; AUTO IGNITION TEMPERATURE °F N/A

E. VAPOR DENSITY N/A

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? N/A

G. SUITABLE EXTINGUISHING AGENTS: Will not burn or support combustion.

12. INFORMATION FURNISHED BY: Corinne A. Martinelli

TITLE: Ecologist

COMPANY: OAKITE PRODUCTS, INC.

ADDRESS: 50 Valley Road, Berkeley Heights, New Jersey 07922

DATE: January 20, 1972

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.